

Day : Friday
Date: 3/1/2002
Time: 18:06:04


PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = CHERN

First Name = REY T.

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08810958</u>	Not Issued	161	02/27/1997	PROCESS FOR REMOVING ORGANIC PHASE SOLVENT FROM PLGA MICROSPHERES CONTAINING A LIPOPHILIC DRUG	CHERN, REY T.
<u>09152775</u>	6174540	150	09/14/1998	LONG ACTING INJECTABLE FORMULATIONS CONTAINING HYDROGENATED CASTOR OIL	CHERN, REY T.
<u>09271098</u>	Not Issued	071	03/18/1999	LIQUID POLYMERIC COMPOSITIONS FOR CONTROLLED RELEASE OF BIOACTIVE SUBSTANCES	CHERN, REY T.
<u>60012780</u>	Not Issued	159	03/04/1996	PROCESS FOR REMOVING ORGANIC PHASE SOLVENT FROM PLGA MICROSPHERES CONTAINING A LIPOPHILIC DRUG	CHERN, REY T.
<u>60021459</u>	Not Issued	159	07/03/1996	PROCESS FOR MAKING PLGA MICROSPHERES CONTAINING A LIPOPHILIC DRUG	CHERN, REY T.
<u>60078639</u>	Not Issued	159	03/19/1998	SULFURPENTAFLUOROPHENYLPYRAZOLES FOR CONTROLLING ECTOPARASITIC INFESTATIONS	CHERN, REY T.

Inventor Search Completed: Search Completed: No Records to Display.

	Last Name	First Name
Search Another:	<input type="text" value="CHERN"/>	<input type="text" value="REY T."/>
Inventor	<input type="button" value="Search"/>	

(To go back use Back button on your browser toolbar.)

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**PALM INTRANET**Day : Friday
Date: 3/1/2002
Time: 18:06:31**Inventor Name Search Result**

Your Search was:

Last Name = ZINGERMAN

First Name = JOEL R.

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>06330541</u>	Not Issued	163	12/14/1981	WATERLESS THIXOTROPIC COMPOSITION	ZINGERMAN, JOEL
<u>07080849</u>	Not Issued	163	08/03/1987	SYRINGE	ZINGERMAN, JOEL
<u>07133586</u>	4872873	250	12/14/1987	CONTROLLED RELEASE BOLUS DEVICE	ZINGERMAN, JOEL
<u>07493596</u>	5122128	150	03/15/1990	ORIFICE INSERT FOR A RUMINAL BOLUS	ZINGERMAN, JOEL
<u>07756948</u>	Not Issued	161	09/06/1991	DELIVERY SYSTEM COMPRISING MEANS FOR CONTROLLING INTERNAL PRESSURE	ZINGERMAN, JOEL
<u>09271092</u>	6136838	150	03/18/1999	SULFURPENTAFLUOROPHENYLPYRAZOLES FOR CONTROLLING ECTOPARASITIC INFESTATIONS	ZINGERMAN, JOEL
<u>09271098</u>	Not Issued	071	03/18/1999	LIQUID POLYMERIC COMPOSITIONS FOR CONTROLLED RELEASE OF BIOACTIVE SUBSTANCES	ZINGERMAN, JOEL

Inventor Search Completed: Search Completed: No Records to Display.**Search Another:
Inventor****Last Name**

ZINGERMAN

First Name

JOEL R.

Search

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09/27/098

(FILE 'HOME' ENTERED AT 12:10:24 ON 01 MAR 2002)

FILE 'REGISTRY' ENTERED AT 12:10:40 ON 01 MAR 2002

L1 1 S TRIACETIN/CN
L2 1 S BENZYL BENZOATE/CN
L3 1 S 34346-01-5/RN

FILE 'USPATFULL, CAPLUS' ENTERED AT 12:11:42 ON 01 MAR 2002

L4 7540 S L1 OR (GLYCER### TRIACETATE) OR TRIACETIN#
L5 5069 S L2 OR (BENZYL BENZOATE) OR NOVOSCABIN OR SCABANCA OR
VANZOATE
L6 5075 S L2 OR (BENZYL BENZOATE) OR NOVOSCABIN OR SCABANCA OR
VANZOATE
L7 2956 S L3 OR PLGA OR (POLY (2W) LACTIDE (2W) ACID (2W) GLYCOLIC
(2W)
L8 11 S L4 (20W) L7
L9 87 S L4 AND L7
L10 23 S L6 AND L7
L11 100 S L10 OR L9
L12 55 S L11 AND IMPLANT?
L13 39 S L12 AND FILM
L14 40 S L12 AND FILM?
L15 11 DUPLICATE REMOVE L8 (0 DUPLICATES REMOVED)

=> s l14 not l5

L16 33 L14 NOT L5

=> s l14 not l15

L17 37 L14 NOT L15

=> d ibib 1-37

L17 ANSWER 1 OF 37 USPATFULL

ACCESSION NUMBER: 2001:231063 USPATFULL

TITLE: Injectable depot gel composition and method of
preparing the composition

INVENTOR(S): Brodbeck, Kevin J., Palo Alto, CA, United States
Shen, Theodore T., Redwood City, CA, United States

PATENT ASSIGNEE(S): ALZA Corporation, Mountain View, CA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6331311	B1	20011218
APPLICATION INFO.:	US 1997-993031		19971218 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-33439	19961220 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Criares, Theodore J.	
LEGAL REPRESENTATIVE:	Bate, Vandana	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	720	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 2 OF 37 USPATFULL

ACCESSION NUMBER: 2001:29145 USPATFULL
TITLE: Biodegradable delivery systems of biologically active substances
INVENTOR(S): Shukla, Atul J., 837 Walnut Bend Rd., Cordova, TN, United States 38018

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6193991	B1	20010227
APPLICATION INFO.:	US 1998-181515		19981028 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Ware, Todd D		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 13 Drawing Page(s)		
LINE COUNT:	999		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

✓ 6193991
6130200

L17 ANSWER 3 OF 37 USPATFULL

ACCESSION NUMBER: 2001:13987 USPATFULL
TITLE: Polyurethane-containing delivery systems
INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Peery, John R., Palo Alto, CA, United States
PATENT ASSIGNEE(S): Alza Corporation, Mountain View, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6180129	B1	20010130
APPLICATION INFO.:	US 1997-956424		19971023 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1996-627169, filed on 3 Apr 1996, now patented, Pat. No. US 5714160 Continuation of Ser. No. US 1990-513361, filed on 20 Apr 1990, now abandoned Division of Ser. No. US 1988-283359, filed 13 Dec 1988, now patented, Pat. No. US 5034229		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Levy, Neil S.		
LEGAL REPRESENTATIVE:	Dillahunt, Mary Ann, Stone, Steven F., Clarke, Pauline		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1318		

L17 ANSWER 4 OF 37 USPATFULL

ACCESSION NUMBER: 1999:128160 USPATFULL
TITLE: High viscosity liquid controlled delivery system as a device
INVENTOR(S): Tipton, Arthur J., Birmingham, AL, United States

PATENT ASSIGNEE(S): Southern BioSystems, Inc., Birmingham, AL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5968542		19991019
APPLICATION INFO.:	US 1997-944022		19970915 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-478450, filed on 7 Jun 1995, now abandoned And a		

continuation-in-part

of Ser. No. US 1995-474337, filed on 7 Jun 1995, now patented, Pat. No. US 5747058

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Stucker, Jeffrey
ASSISTANT EXAMINER: Park, Hankyel T.
LEGAL REPRESENTATIVE: Gray, Esq., Bruce D.Kilpatrick Stockton LLP
NUMBER OF CLAIMS: 27
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 17 Drawing Figure(s); 9 Drawing Page(s)
LINE COUNT: 1344
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 5 OF 37 USPATFULL

ACCESSION NUMBER: 1998:85596 USPATFULL
TITLE: Injectable drug delivery system and method
INVENTOR(S): Berggren, Randall G., Livermore, CA, United States
Ensore, David J., Saratoga, CA, United States
Marks, Susan M., San Jose, CA, United States
Osborne, James L., Mountain View, CA, United States
Wong, Patrick S.-L., Palo Alto, CA, United States
Roorda, Wouter E., Newark, CA, United States
PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5783205		19980721
APPLICATION INFO.:	US 1997-843682		19970410 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-437471, filed on 9 May		

1995, now patented, Pat. No. US 5620700 which is a continuation of Ser. No. US 1992-923275, filed on 31 Jul 1992, now abandoned which is a

continuation-in-part

of Ser. No. US 1990-605863, filed on 30 Oct 1990, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Azpuru, Carlos
LEGAL REPRESENTATIVE: Stone, Steven F., Dillahunty, Mary Ann
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 933
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 6 OF 37 USPATFULL

ACCESSION NUMBER: 1998:82354 USPATFULL
TITLE: Liquid delivery compositions

INVENTOR(S) : Yewey, Gerald L., Fort Collins, CO, United States
 Krinick, Nancy L., Fort Collins, CO, United States
 Dunn, Richard L., Fort Collins, CO, United States
 Radomsky, Michael L., Mountain View, CA, United States
 Brouwer, Gerbrand, Menlo Park, CA, United States
 Tipton, Arthur J., Birmingham, AL, United States
 PATENT ASSIGNEE(S) : Atrix Laboratories, Inc., Fort Collins, CO, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5780044		19980714
APPLICATION INFO.:	US 1996-761015		19961205 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-225140, filed on 8 Apr 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kishore, Goliamudi S.		
LEGAL REPRESENTATIVE:	Merchant, Gould, Smith, Edell, Welter & Schmidt		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1174		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L17 ANSWER 7 OF 37 USPATFULL

ACCESSION NUMBER: 1998:61183 USPATFULL
 TITLE: Liquid delivery compositions
 INVENTOR(S) : Yewey, Gerald L., Fort Collins, CO, United States
 Krinick, Nancy L., Fort Collins, CO, United States
 Dunn, Richard L., Fort Collins, CO, United States
 Radomsky, Michael L., Mountain View, CA, United States
 Brouwer, Gerbrand, Menlo Park, CA, United States
 Tipton, Arthur J., Birmingham, AL, United States
 PATENT ASSIGNEE(S) : Atrix Laboratories, Inc., Fort Collins, CO, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5759563		19980602
APPLICATION INFO.:	US 1995-486262		19950607 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-225140, filed on 8 Apr 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kishore, Gollamudi S.		
LEGAL REPRESENTATIVE:	Merchant, Gould, Smith, Edell Welter & Schmidt		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1218		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L17 ANSWER 8 OF 37 USPATFULL

ACCESSION NUMBER: 1998:47986 USPATFULL
 TITLE: High viscosity liquid controlled delivery system
 INVENTOR(S) : Tipton, Arthur J., Birmingham, AL, United States
 Holl, Richard J., Birmingham, AL, United States
 PATENT ASSIGNEE(S) : Southern Biosystems, Inc., Birmingham, AL, United States

States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5747058		19980505
APPLICATION INFO.:	US 1995-474337		19950607 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Azpuru, Carlos A.		
LEGAL REPRESENTATIVE:	Kilpatrick Stockton LLP, Meredith, Esq., Roy D.		
NUMBER OF CLAIMS:	95		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	17 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	1344		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 9 OF 37 USPATFULL

ACCESSION NUMBER: 1998:44898 USPATFULL
TITLE: Liquid delivery compositions
INVENTOR(S): Yewey, Gerald L., Fort Collins, CO, United States
Krinick, Nancy L., Fort Collins, CO, United States
Dunn, Richard L., Fort Collins, CO, United States
Radomsky, Michael L., Mountain View, CA, United States
Brouwer, Gerbrand, Menlo Park, CA, United States
Tipton, Arthur J., Birmingham, AL, United States
PATENT ASSIGNEE(S): Atrix Laboratories, Inc., Fort Collins, CO, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5744153		19980428
APPLICATION INFO.:	US 1997-871492		19970609 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-487979, filed on 7 Jun 1995, now abandoned which is a division of Ser. No. US 1994-225140, filed on 8 Apr 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kishore, Gollamudi S.		
LEGAL REPRESENTATIVE:	Merchant, Gould, Smith, Edell, Welter & Schmidt		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1172		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 10 OF 37 USPATFULL

ACCESSION NUMBER: 1998:11713 USPATFULL
TITLE: Delivery system comprising means for governing fluid ingress into the system
INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Peery, John R., Palo Alto, CA, United States
PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 5714160 19980203
APPLICATION INFO.: US 1996-627169 19960403 (8)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1990-513361, filed on 20
Apr 1990, now abandoned which is a division of Ser.

No.

US 1988-283359, filed on 13 Dec 1988, now patented,
Pat. No. US 5034229

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Levy, Neil S.
LEGAL REPRESENTATIVE: Sabatine, Paul L., Dhuey, John A., Rafa, Michael
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 1334

L17 ANSWER 11 OF 37 USPATFULL

ACCESSION NUMBER: 97:75835 USPATFULL

TITLE: **Implantable** delivery dispenser comprising
exit port

INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States

PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S.
corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5660847 19970826
APPLICATION INFO.: US 1994-336354 19941108 (8)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1991-787335, filed on 4
Nov

1991, now abandoned which is a continuation of Ser.

No.

US 1989-407489, filed on 14 Sep 1989, now patented,
Pat. No. US 5112614, issued on 12 May 1992

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Webman, Edward J.
LEGAL REPRESENTATIVE: Sabatine, Paul L., Dillahunty, Mary Ann, Miller, D.
Byron
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 955

L17 ANSWER 12 OF 37 USPATFULL

ACCESSION NUMBER: 97:44771 USPATFULL

TITLE: **Implantable**, biodegradable system for
releasing active substance

INVENTOR(S): Stricker, Herbert, Neckargemund, Germany, Federal
Republic of
Entenmann, Gunther, Ingelheim am Rhein, Germany,
Federal Republic of
Kern, Otto, Ingelheim am Rhein, Germany, Federal
Republic of
Mikhail, Michel, Ingelheim am Rhein, Germany, Federal
Republic of
Zierenberg, Bernd, Bingen, Germany, Federal Republic

of

PATENT ASSIGNEE(S) : Boehringer Ingelheim GmbH, Ingelheim am Rhein,
Germany,
Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5633002		19970527
APPLICATION INFO.:	US 1995-434828		19950504 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-154843, filed on 19 Nov 1993, now abandoned which is a continuation of Ser. No. US 1992-881018, filed on 8 May 1992, now abandoned which is a continuation of Ser. No. US 1991-700721, filed on 15 May 1991, now abandoned which is a continuation of Ser. No. US 1990-488193, filed on 5 Mar 1990, now abandoned which is a continuation of Ser. No. US 1988-253157, filed on 4 Oct 1988, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Phelan, D. Gabrielle		
LEGAL REPRESENTATIVE:	Raymond, Robert P., Rieder, Wendy E., Stempel, Alan R.		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Figure(s); 6 Drawing Page(s)		
LINE COUNT:	508		

L17 ANSWER 13 OF 37 USPATFULL

ACCESSION NUMBER: 97:42442 USPATFULL

TITLE: Delivery system comprising means for governing fluid
into the system and for restricting fluid into the
system

INVENTOR(S) : Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Peery, John R., Palo Alto, CA, United States

PATENT ASSIGNEE(S) : ALZA Corporation, Palo Alto, CA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5630808		19970520
APPLICATION INFO.:	US 1994-203967		19940301 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-789241, filed on 7 Nov 1991, now patented, Pat. No. US 5320616 which is a continuation of Ser. No. US 1990-513369, filed on 20 Apr 1990, now abandoned which is a division of Ser. No. US 1988-283359, filed on 13 Dec 1988, now patented, Pat. No. US 5034229, issued on 23 Jul 1991		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Hafer, Robert A.		
ASSISTANT EXAMINER:	Stright, Jr., Ronald K.		
LEGAL REPRESENTATIVE:	Dillahunty, Mary Ann, Sabatine, Paul L., Stone, Steven F.		
NUMBER OF CLAIMS:	8		

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 1363

L17 ANSWER 14 OF 37 USPATFULL

ACCESSION NUMBER: 97:31422 USPATFULL
TITLE: Injectable drug delivery system and method
INVENTOR(S): Berggren, Randall G., Livermore, CA, United States
Enscoe, David J., Saratoga, CA, United States
Marks, Susan M., San Jose, CA, United States
Osborne, James L., Mountain View, CA, United States
Wong, Patrick S.-L., Palo Alto, CA, United States
Roorda, Wouter E., Newark, CA, United States
PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5620700		19970415
APPLICATION INFO.:	US 1995-437471		19950509 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-923275, filed on 31 Jul 1992, now abandoned which is a		
continuation-in-part	of Ser. No. US 1990-605863, filed on 30 Oct 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Hulina, Amy		
LEGAL REPRESENTATIVE:	Dillahunty, Mary Ann, Stone, Steven F.		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1002		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L17 ANSWER 15 OF 37 USPATFULL

ACCESSION NUMBER: 96:113640 USPATFULL
TITLE: Biocompatible monomer and polymer compositions
INVENTOR(S): Leung, Jeffrey C., Raleigh, NC, United States
Clark, Jeffrey G., Raleigh, NC, United States
PATENT ASSIGNEE(S): Tri-Point Medical, Corporation, Raleigh, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5582834		19961210
APPLICATION INFO.:	US 1995-461408		19950605 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-215584, filed on 22 Mar 1994, now patented, Pat. No. US 5514371 which is a division of Ser. No. US 1993-40618, filed on 31 Mar 1993, now patented, Pat. No. US 5328587		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Azpuru, Carlos		
LEGAL REPRESENTATIVE:	Oliff & Berridge		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
LINE COUNT:	796		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L17 ANSWER 16 OF 37 USPATFULL

ACCESSION NUMBER: 96:106173 USPATFULL
TITLE: Biocompatible monomer and polymer compositions
INVENTOR(S): Leung, Jeffrey C., Raleigh, NC, United States
Clark, Jeffrey G., Raleigh, NC, United States
PATENT ASSIGNEE(S): Tri-Point Medical Corporation, Raleigh, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5575997		19961119
APPLICATION INFO.:	US 1995-461931		19950605 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-215584, filed on 22 Mar 1994, now patented, Pat. No. US 5514371 which is a division of Ser. No. US 1993-40618, filed on 31 Mar 1993, now patented, Pat. No. US 5328687		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Azpuru, Carlos		
LEGAL REPRESENTATIVE:	Oliff & Berridge		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
LINE COUNT:	795		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 17 OF 37 USPATFULL

ACCESSION NUMBER: 96:38603 USPATFULL
TITLE: Biocompatible monomer and formaldehyde producing polymer compositions
INVENTOR(S): Leung, Jeffrey C., Raleigh, NC, United States
Clark, Jeffrey G., Raleigh, NC, United States
PATENT ASSIGNEE(S): Tri-Point Medical L.P., Raleigh, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5514372		19960507
APPLICATION INFO.:	US 1995-462287		19950605 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-215584, filed on 22 Mar 1994 which is a division of Ser. No. US 1993-40618, filed on 31 Mar 1993, now patented, Pat. No. US 5328687		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Azpuru, Carlos		
LEGAL REPRESENTATIVE:	Oliff & Berridge		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
LINE COUNT:	779		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 18 OF 37 USPATFULL

ACCESSION NUMBER: 96:38602 USPATFULL
TITLE: Biocompatible monomer and formaldehyde producing polymer compositions
INVENTOR(S): Leung, Jeffrey C., Raleigh, NC, United States
Clark, Jeffrey G., Raleigh, NC, United States
PATENT ASSIGNEE(S): Tri-Point Medical L.P., Raleigh, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5514371		19960507
APPLICATION INFO.:	US 1994-215584		19940322 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-40618, filed on 31 Mar 1993, now patented, Pat. No. US 5328687		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Azpuru, Carlos		
LEGAL REPRESENTATIVE:	Oliff & Berridge		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
LINE COUNT:	832		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 19 OF 37 USPATFULL

ACCESSION NUMBER: 95:52391 USPATFULL
 TITLE: Biodegradable replacement of crystal polystyrene
 INVENTOR(S): Sinclair, Richard G., Columbus, OH, United States
 PATENT ASSIGNEE(S): Ecopol, LLC, Golden, CO, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5424346		19950613
APPLICATION INFO.:	US 1994-240085		19940509 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1990-579465, filed on 6 Sep 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-387670, filed on 31 Jul 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-229939, filed on 8 Aug 1988, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Short, Patricia A.		
LEGAL REPRESENTATIVE:	Sheridan Ross & McIntosh		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	2064		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 20 OF 37 USPATFULL

ACCESSION NUMBER: 94:59941 USPATFULL
 TITLE: Biocompatible monomer and polymer compositions
 INVENTOR(S): Leung, Jeffrey C., Raleigh, NC, United States
 Clark, Jeffrey G., Raleigh, NC, United States
 PATENT ASSIGNEE(S): Tri-Point Medical L.P., Raleigh, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5328687		19940712
APPLICATION INFO.:	US 1993-40618		19930331 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Azpuru, Carlos		
LEGAL REPRESENTATIVE:	Oliff & Berridge		
NUMBER OF CLAIMS:	16		

EXEMPLARY CLAIM: 1
LINE COUNT: 751
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 21 OF 37 USPATFULL

ACCESSION NUMBER: 94:51007 USPATFULL

TITLE: Delivery system comprising first walled section and second walled section united by fusion, adhesion or telescopic engagement

INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Peery, John R., Palo Alto, CA, United States

PATENT ASSIGNEE(S): Alza Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5320616		19940614
APPLICATION INFO.:	US 1991-789241		19911107 (7)
DISCLAIMER DATE:	20080723		
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1990-513369, filed on 20 Apr 1990, now abandoned which is a division of Ser. No.		
	US 1988-283359, filed on 13 Dec 1988, now patented, Pat. No. US 5034229, issued on 23 Jul 1991		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Rosenbaum, C. Fred		
ASSISTANT EXAMINER:	Stright, Jr., Ronald K.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Larson, Jacqueline S., Duvall, Jean M.		
NUMBER OF CLAIMS:	3		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1269		

L17 ANSWER 22 OF 37 USPATFULL

ACCESSION NUMBER: 92:106664 USPATFULL

TITLE: Delivery system comprising fluid ingress and drug egress

INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Peery, John R., Palo Alto, CA, United States

PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5174999		19921229
APPLICATION INFO.:	US 1990-512301		19900420 (7)
DISCLAIMER DATE:	20060808		
RELATED APPLN. INFO.:	Division of Ser. No. US 1988-283359, filed on 13 Dec 1988, now patented, Pat. No. US 5034229, issued on 23 Jul 1991		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		

PRIMARY EXAMINER: Page, Thurman K.
ASSISTANT EXAMINER: Horne, Leon R.
LEGAL REPRESENTATIVE: Sabatine, Paul L., Mandell, Edward L., Larson,
Jacqueline S.
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 1263

L17 ANSWER 23 OF 37 USPATFULL

ACCESSION NUMBER: 92:91026 USPATFULL
TITLE: Annealed composition for pharmaceutically acceptable
drug
INVENTOR(S): Edgren, David E., El Granada, CA, United States
Theeuwes, Felix, Los Altos, CA, United States
PATENT ASSIGNEE(S): Alza Corporation, Palo Alto, CA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5160743		19921103
APPLICATION INFO.:	US 1991-647321		19910128 (7)
DISCLAIMER DATE:	20080409		
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1989-350482, filed on 11 May 1989, now patented, Pat. No. US 5006346, issued on 9 Apr 1991 which is a division of Ser. No.		

US

1988-187621, filed on 28 Apr 1988, now patented, Pat.
No. US 4931285, issued on 5 Jun 1990
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Page, Thurman K.
ASSISTANT EXAMINER: Horne, Leon R.
LEGAL REPRESENTATIVE: Sabatine, Paul L., Larson, Jacqueline S., Duvall, Jean
M.
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 692
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 24 OF 37 USPATFULL

ACCESSION NUMBER: 92:63448 USPATFULL
TITLE: Delivery system for administering agent to ruminants
and swine
INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Peery, John R., Palo Alto, CA, United States
PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5135523		19920804
APPLICATION INFO.:	US 1990-513363		19900420 (7)
DISCLAIMER DATE:	20060808		
RELATED APPLN. INFO.:	Division of Ser. No. US 1988-283359, filed on 13 Dec 1988, now patented, Pat. No. US 5034229		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Rosenbaum, C. Fred
ASSISTANT EXAMINER: Polutta, Mark O.
LEGAL REPRESENTATIVE: Sabatine, Paul L., Larson, Jacqueline S., Duvall, Jean M.
NUMBER OF CLAIMS: 4
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 1261

L17 ANSWER 25 OF 37 USPATFULL

ACCESSION NUMBER: 92:38170 USPATFULL

TITLE: **Implantable** delivery dispenser

INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States

PATENT ASSIGNEE(S): Alza Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5112614		19920512
APPLICATION INFO.:	US 1989-407489		19890914 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Webman, Edward J.		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1029		

L17 ANSWER 26 OF 37 USPATFULL

ACCESSION NUMBER: 92:35981 USPATFULL

TITLE: Delivery system comprising means for delivering agent to livestock

INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Peery, John R., Palo Alto, CA, United States

PATENT ASSIGNEE(S): Alza Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5110596		19920505
APPLICATION INFO.:	US 1990-513330		19900420 (7)
DISCLAIMER DATE:	20060808		
RELATED APPLN. INFO.:	Division of Ser. No. US 1988-283359, filed on 13 Dec 1988, now patented, Pat. No. US 5034229, issued on 23 Jul 1991		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Horne, Leon R.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Larson, Jacqueline S.		
NUMBER OF CLAIMS:	1		

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 1258

L17 ANSWER 27 OF 37 USPATFULL

ACCESSION NUMBER: 91:86564 USPATFULL

TITLE: Delivery system comprising biocompatible beneficial agent formulation

INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Peery, John R., Palo Alto, CA, United States

PATENT ASSIGNEE(S): Alza Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5059423		19911022
APPLICATION INFO.:	US 1990-513528		19900423 (7)
DISCLAIMER DATE:	20060808		
RELATED APPLN. INFO.:	Division of Ser. No. US 1988-283359, filed on 13 Dec 1988, now patented, Pat. No. US 5034229		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman A.		
ASSISTANT EXAMINER:	Horne, Leon R.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1261		

L17 ANSWER 28 OF 37 USPATFULL

ACCESSION NUMBER: 91:84262 USPATFULL

TITLE: Delivery system for beneficial agent over a broad range of rates

INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Perry, John R., Palo Alto, CA, United States

PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5057318		19911015
APPLICATION INFO.:	US 1990-513327		19900420 (7)
DISCLAIMER DATE:	20060808		
RELATED APPLN. INFO.:	Division of Ser. No. US 1988-283359, filed on 13 Dec 1988, now patented, Pat. No. US 5034229		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Horne, Leon R.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steve F.		
NUMBER OF CLAIMS:	13		

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 1284

L17 ANSWER 29 OF 37 USPATFULL

ACCESSION NUMBER: 91:62384 USPATFULL

TITLE: Delivery system comprising two sections for delivering somatotropin

INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Peery, John R., Palo Alto, CA, United States

PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5037420		19910806
APPLICATION INFO.:	US 1990-513328		19900420 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1988-283359, filed on 13 Dec 1988		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Rosenbaum, C. Fred		
ASSISTANT EXAMINER:	Finkel, Sharon		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	5		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1279		

L17 ANSWER 30 OF 37 USPATFULL

ACCESSION NUMBER: 91:58772 USPATFULL

TITLE: Dispenser for increasing feed conversion of hog

INVENTOR(S): Magruder, Judy A., Mt. View, CA, United States
Eckenhoff, James B., Los Altos, CA, United States
Cortese, Richard, Los Gatos, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
Peery, John R., Palo Alto, CA, United States

PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5034229		19910723
APPLICATION INFO.:	US 1988-283359		19881213 (7)
DISCLAIMER DATE:	20060808		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman		
ASSISTANT EXAMINER:	Benston, Jr., William E.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1261		

L17 ANSWER 31 OF 37 USPATFULL

ACCESSION NUMBER: 91:48455 USPATFULL
TITLE: Annealed coats
INVENTOR(S): Edgren, David E., El Granada, CA, United States
Theeuwes, Felix, Los Altos, CA, United States
PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5024842		19910618
APPLICATION INFO.:	US 1990-503004		19900402 (7)
DISCLAIMER DATE:	20070605		
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1988-187621, filed on 28 Apr 1988, now patented, Pat. No. US 4931285		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Horne, L.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	736		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 32 OF 37 USPATFULL

ACCESSION NUMBER: 91:28412 USPATFULL
TITLE: Delivery system
INVENTOR(S): Edgren, David E., El Granada, CA, United States
Theeuwes, Felix, Los Altos, CA, United States
PATENT ASSIGNEE(S): Alza Corporation, Palo Alto, CA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5006346		19910409
APPLICATION INFO.:	US 1989-350482		19890511 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1988-187621, filed on 28 Apr 1988, now patented, Pat. No. US 4931285		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Horne, Leon R.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	682		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 33 OF 37 USPATFULL

ACCESSION NUMBER: 91:16968 USPATFULL
TITLE: Device comprising liner for protecting fluid sensitive
medicament
INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States
Magruder, Judy A., Mt. View, CA, United States
Cortese, Richard, Cupertino, CA, United States

PATENT ASSIGNEE(S): Peery, John R., Palo Alto, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
ALZA Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4996060		19910226
APPLICATION INFO.:	US 1989-334251		19890406 (7)
DISCLAIMER DATE:	20060808		
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1988-173209, filed on 25 Mar 1988, now patented, Pat. No. US 4855141, issued on 8 Aug 1989		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Cashion, Jr., Merrell C.		
ASSISTANT EXAMINER:	Horne, Leon R.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	932		

L17 ANSWER 34 OF 37 USPATFULL

ACCESSION NUMBER: 90:74953 USPATFULL
TITLE: Method for delivering somatotropin to an animal
INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States
Magruder, Judy A., Mt. View, CA, United States
Cortese, Richard, Cupertino, CA, United States
Peery, John R., Palo Alto, CA, United States
Wright, Jeremy C., Los Altos, CA, United States
PATENT ASSIGNEE(S): Alza Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4959218		19900925
APPLICATION INFO.:	US 1988-291930		19881228 (7)
DISCLAIMER DATE:	20060808		
RELATED APPLN. INFO.:	Division of Ser. No. US 1988-173209, filed on 25 Mar 1988, now patented, Pat. No. US 4855141, issued on 8 Aug 1989		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Horne, Leon R.		
LEGAL REPRESENTATIVE:	Mandell, Edward L., Sabatine, Paul L., Stone, Steven F.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	904		

L17 ANSWER 35 OF 37 USPATFULL

ACCESSION NUMBER: 90:46406 USPATFULL
TITLE: Pharmaceutical composition for treating periodontal
INVENTOR(S): Higashi, Kiyotsugu, Nara, Japan
Kametaka, Shigeru, Osaka, Japan
Izumi, Reiko, Osaka, Japan

PATENT ASSIGNEE(S): Morisaki, Katsuhiko, Nara, Japan
Hayashi, Shin'ichi, Osaka, Japan
Rohto Pharmaceutical Co. Ltd., Osaka, Japan (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4933182		19900612
APPLICATION INFO.:	US 1989-414602		19890929 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1987-29658, filed on 24 Mar 1987, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1986-67810	19860325
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Rose, Shep K.	
LEGAL REPRESENTATIVE:	Venable, Baetjer, Howard & Civiletti	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	394	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L17 ANSWER 36 OF 37 USPATFULL

ACCESSION NUMBER: 90:44352 USPATFULL
TITLE: Aqueous based pharmaceutical coating composition for
dosage forms
INVENTOR(S): Edgren, David E., El Granada, CA, United States
Theeuwes, Felix, Los Altos, CA, United States
PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4931285		19900605
APPLICATION INFO.:	US 1988-187621		19880428 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Horne, Leon R.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	680		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L17 ANSWER 37 OF 37 USPATFULL

ACCESSION NUMBER: 89:64934 USPATFULL
TITLE: Device comprising means for protecting and dispensing
fluid sensitive medicament
INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States
Magruder, Judy A., Mt. View, CA, United States
Cortese, Richard, Cupertino, CA, United States
Peery, John R., Palo Alto, CA, United States
Wright, Jeremy C., Los Altos, CA, United States

PATENT ASSIGNEE(S) : ALZA Corporation, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4855141		19890808
APPLICATION INFO.:	US 1988-173209		19880325 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Horne, Leon R.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	939		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:10:24 ON 01 MAR 2002)

FILE 'REGISTRY' ENTERED AT 12:10:40 ON 01 MAR 2002

L1 1 S TRIACETIN/CN
L2 1 S BENZYL BENZOATE/CN
L3 1 S 34346-01-5/RN

FILE 'USPATFULL, CAPLUS' ENTERED AT 12:11:42 ON 01 MAR 2002

L4 7540 S L1 OR (GLYCER### TRIACETATE) OR TRIACETIN#
L5 5069 S L2 OR (BENZYL BENZOATE) OR NOVOSCABIN OR SCABANCA OR
VANZOATE
L6 5075 S L2 OR (BENZYL BENZOATE) OR NOVOSCABIN OR SCABANCA OR
VANZOATE
L7 2956 S L3 OR PLGA OR (POLY (2W) LACTIDE (2W) ACID (2W) GLYCOLIC
(2W)
L8 11 S L4 (20W) L7
L9 87 S L4 AND L7
L10 23 S L6 AND L7
L11 100 S L10 OR L9
L12 55 S L11 AND IMPLANT?
L13 39 S L12 AND FILM
L14 40 S L12 AND FILM?
L15 11 DUPLICATE REMOVE L8 (0 DUPLICATES REMOVED)
L16 33 S L14 NOT L5
L17 37 S L14 NOT L15

L15 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:42335 CAPLUS

DOCUMENT NUMBER: 132:156682

TITLE: Sustained release of human growth hormone from PLGA solution depots

AUTHOR(S): Brodbeck, Kevin J.; Pushpala, Shamim; McHugh, Anthony J.

CORPORATE SOURCE: Department of Chemical Engineering, University of Illinois, Urbana, IL, USA

SOURCE: Pharm. Res. (1999), 16(12), 1825-1829

CODEN: PHREEB; ISSN: 0724-8741

PUBLISHER: Kluwer Academic/Plenum Publishers

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

IT 93-89-0, Ethyl benzoate 102-76-1, Triacetin

120-51-4, Benzyl benzoate 12629-01-5, Human growth hormone

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(sustained release of human growth hormone from PLGA soln. depots)

L15 ANSWER 3 OF 11 USPATFULL

ACCESSION NUMBER: 2000:134867 USPATFULL

TITLE: Gel composition and methods

INVENTOR(S): Brodbeck, Kevin J., Palo Alto, CA, United States
Gaynor-Duarte, Ann T., Oakland, CA, United States
Shen, Theodore Tao-Ian, Redwood City, CA, United States

States

PATENT ASSIGNEE(S): Alza Corporation, Mountain View, CA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6130200		20001010
APPLICATION INFO.:	US 1997-993208		19971218 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-33439	19961220 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Prats, Francisco	
LEGAL REPRESENTATIVE:	Dhuey, John A., Stone, Steven F.	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 7 Drawing Page(s)	
LINE COUNT:	1758	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
DETD		. . . SD 23 2.6

			24	2.1
F	PLGA-502			
	15	L	11	1.5
			12	2.0
F	PLGA-502			
	15	L	25	2.2
			26	0.64
Triacetin				
7% sol. in water				
A	PLGA-502			
	0	L	1	8.5
(Merck)			2	13
I	PLGA-502			

L15 ANSWER 11 OF 11 USPATFULL
 AN 95:80098 USPATFULL
 TI Methods for aiding periodontal tissue regeneration
 IN Damani, Nalinkant C., Cincinnati, OH, United States
 Mohl, Douglas C., Fairfield, OH, United States
 Singer, Jr., Robert E., Fairfield, OH, United States
 PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
 corporation)
 PI US 5447725 19950905
 AI US 1993-76304 19930611 (8)
 DT Utility
 FS Granted
 LN.CNT 468
 INCL INCLM: 424/435.000
 INCLS: 424/426.000; 424/434.000; 424/486.000; 514/152.000; 514/772.300;
 514/772.600; 514/900.000; 514/902.000; 514/944.000; 514/953.000
 NCL NCLM: 424/435.000
 NCLS: 424/426.000; 424/434.000; 424/486.000; 514/152.000; 514/772.300;
 514/772.600; 514/900.000; 514/902.000; 514/944.000; 514/953.000
 IC [6]
 ICM: A61K009-06
 ICS: A61K031-65; A61K031-74
 EXF 424/426; 424/434; 424/435; 424/486; 514/152; 514/772.3; 514/772.6;
 514/900; 514/902; 514/944; 514/953
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

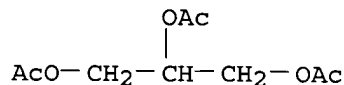
=> s triacetin/cn
L1 1 TRIACETIN/CN

=> s benzyl benzoate/cn
L2 1 BENZYL BENZOATE/CN

=> s 34346-01-5/rn
L3 1 34346-01-5/RN

=> d l1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 102-76-1 REGISTRY
CN 1,2,3-Propanetriol, triacetate (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Acetin, tri- (6CI, 8CI)
OTHER NAMES:
CN 1,2,3-Triacetoxyp propane
CN Enzactin
CN Estol 1581
CN Fungacetin
CN Glycerin triacetate
CN Glycerol triacetate
CN Glyceryl triacetate
CN Glyped
CN Kesscoflex TRA
CN Priacetin 1580
CN Priacetin 1581
CN **Triacetin**
CN Triacetine
CN Triacetyl glycerin
CN Triacetyl glycerol
CN Ujostabil
CN Vanay
FS 3D CONCORD
MF C9 H14 O6
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS,
BIOSIS,
BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
CHEMLIST, CHEMSAFE, CIN, CSCHEM, DDFU, DETHERM*, DIOGENES, DIPPR*,
DRUGU, EMBASE, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*,
SPECINFO, TOXCENTER, TOXLIT, TULSA, USAN, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**, WHO
(**Enter CHEMLIST File for up-to-date regulatory information)



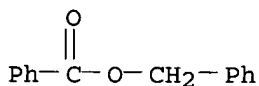
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2003 REFERENCES IN FILE CA (1967 TO DATE)
12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2007 REFERENCES IN FILE CAPLUS (1967 TO DATE)

104 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN 120-51-4 REGISTRY
 CN Benzoic acid, phenylmethyl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzoic acid, benzyl ester (6CI, 8CI)
 OTHER NAMES:
 CN Ascabin
 CN Ascabiol
 CN Benylate
 CN Benzyl benzenecarboxylate
 CN **Benzyl benzoate**
 CN Benzyl phenylformate
 CN Benzylets
 CN Colebenz
 CN Nicca Sunsolt LM 7EX
 CN Novoscabin
 CN Peruscabin
 CN Phenylmethyl benzoate
 CN Scabagen
 CN Scabanca
 CN Scabide
 CN Scabiozon
 CN Scobenol
 CN Vanzoate
 CN Venzonate
 FS 3D CONCORD
 MF C14 H12 O2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS,
 BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,
 CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSChem, CSNB, DDFU, DETHERM*,
 DIOGENES, DIPPR*, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB,
 IFIPAT,
 IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*,
 PROMT, RTECS*, SPECINFO, TOXCENTER, TOXLIT, TULSA, USAN, USPAT2,
 USPATFULL, VETU, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1565 REFERENCES IN FILE CA (1967 TO DATE)
 6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1568 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 89 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

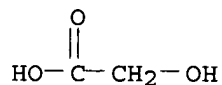
=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 34346-01-5 REGISTRY
CN Propanoic acid, 2-hydroxy-, polymer with hydroxyacetic acid (9CI) (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN Acetic acid, hydroxy-, polymer with 2-hydroxypropanoic acid (9CI)
OTHER NAMES:
CN (.+-.)-2-Hydroxypropanoic acid-hydroxyacetic acid copolymer
CN Atrigel
CN dl-Lactic acid-glycolic acid copolymer
CN DL-Lactic acid-glycolic acid copolymer
CN dl-Lactic acid-glycolic acid polymer
CN Glycolic acid-DL-lactic acid copolymer
CN Glycolic acid-lactic acid copolymer
CN Glycolic acid-lactic acid polymer
CN Hydroxyacetic acid-(.+-.)-2-hydroxypropanoic acid copolymer
CN Hydroxyacetic acid-2-hydroxypropionic acid copolymer
CN Hydroxyacetic acid-lactic acid copolymer
CN Lactic acid-glycolic acid copolymer
CN Lactic acid-glycolic acid polymer
CN PLGA 5010
CN Poly(DL-lactic acid-glycolic acid)
CN Poly(glycolic acid-co-DL-lactic acid)
CN Poly(glycolic acid-lactic acid)
CN Poly(lactic acid-glycolic acid)
CN Resolut LT
CN Resolut ST
CN Resomer RG 502
CN Resomer RG 502H
CN Resomer RG 504H
CN Resomer RG 858
DR 59199-59-6, 66327-52-4, 153439-97-5
MF (C3 H6 O3 . C2 H4 O3)x
CI PMS, COM
PCT Polyester, Polyester formed
LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT,
CAPLUS, CEN, CHEMCATS, CIN, CSCHEM, EMBASE, IFICDB, IFIPAT, IFIUDB,
IPA,
MEDLINE, TOXCENTER, TOXLIT, USPAT2, USPATFULL

CM 1

CRN 79-14-1

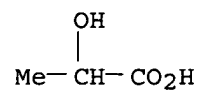
CMF C2 H4 O3



CM 2

CRN 50-21-5

CMF C3 H6 O3



1134 REFERENCES IN FILE CA (1967 TO DATE)

25 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1136 REFERENCES IN FILE CAPLUS (1967 TO DATE)